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**Pais**

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(54) **HIGH FREQUENCY GRAVITATIONAL WAVE GENERATOR**

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See application file for complete search history.

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 383 days.

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CPC ..... **B64G 1/409** (2013.01); **G01V 7/005** (2013.01); **G01V 7/04** (2013.01); **H01J 61/16** (2013.01); **H05H 1/2475** (2013.01); **H05H 3/04** (2013.01); **G01V 7/00** (2013.01)

(58) **Field of Classification Search**

CPC ..... B64G 1/409; G01V 1/20; G01V 1/006; G21H 1/00

**ABSTRACT**

A high frequency gravitational wave generator including a gas filled shell with an outer shell surface, microwave emitters, sound generators, and acoustic vibration resonant gas-filled cavities. The outer shell surface is electrically charged and vibrated by the microwave emitters to generate a first electromagnetic field. The acoustic vibration resonant gas-filled cavities each have a cavity surface that can be electrically charged and vibrated by acoustic energy from the sound generators such that a second electromagnetic field is generated. The two acoustic vibration resonant gas-filled cavities are able to counter spin relative to each other to provide stability, and propagating gravitational field fluctuations are generated when the second electromagnetic field propagates through the first electromagnetic field.

**5 Claims, 2 Drawing Sheets**

